

Fig. 1

140

142

Receive Indication of API Written in the API Schema Language

144

Receive Indication of Desired Output File Type and Select Corresponding Transformation Module

146

Generate Output File Using Selected Transformation Module and Indicated API

No

Are There Additional Desired Output File(s)?

Yes

150

Receive Indication of Additional Desired Output File Type and Select Corresponding Transformation Module

No

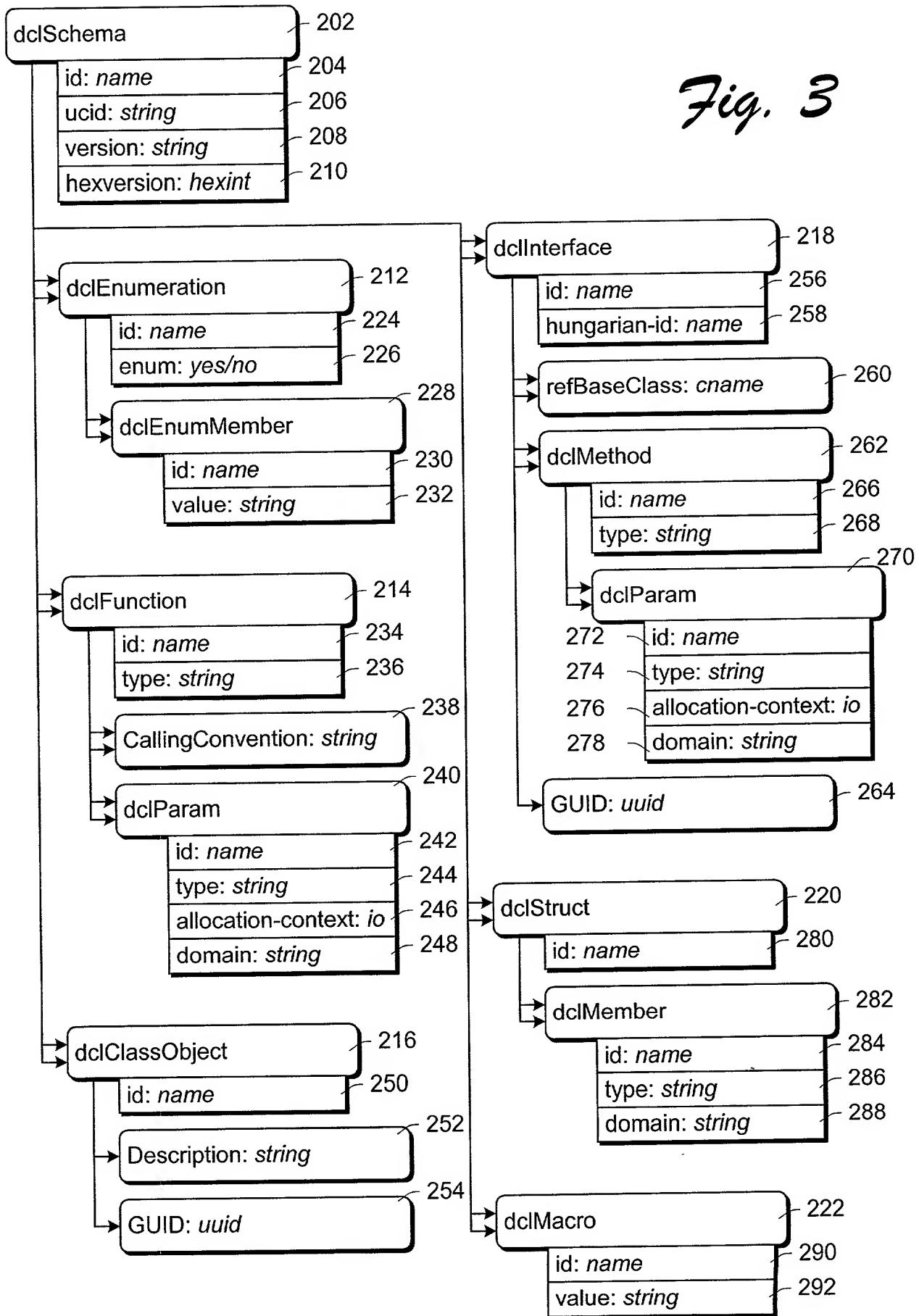
Is the APISL Document Changed?

Yes

154

Receive Indication of Changed API Written in the API Schema Language

Fig. 2



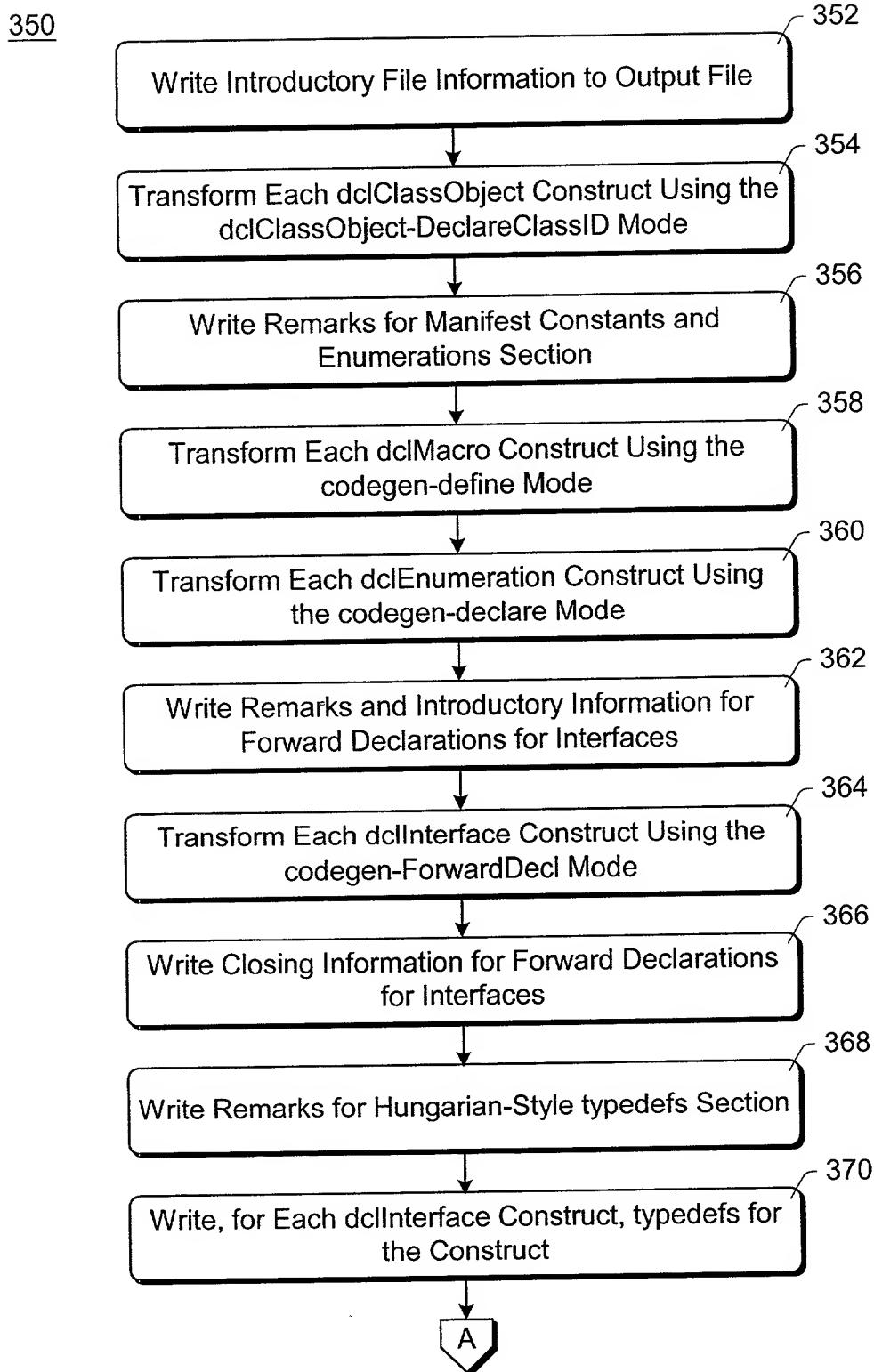


Fig. 4A

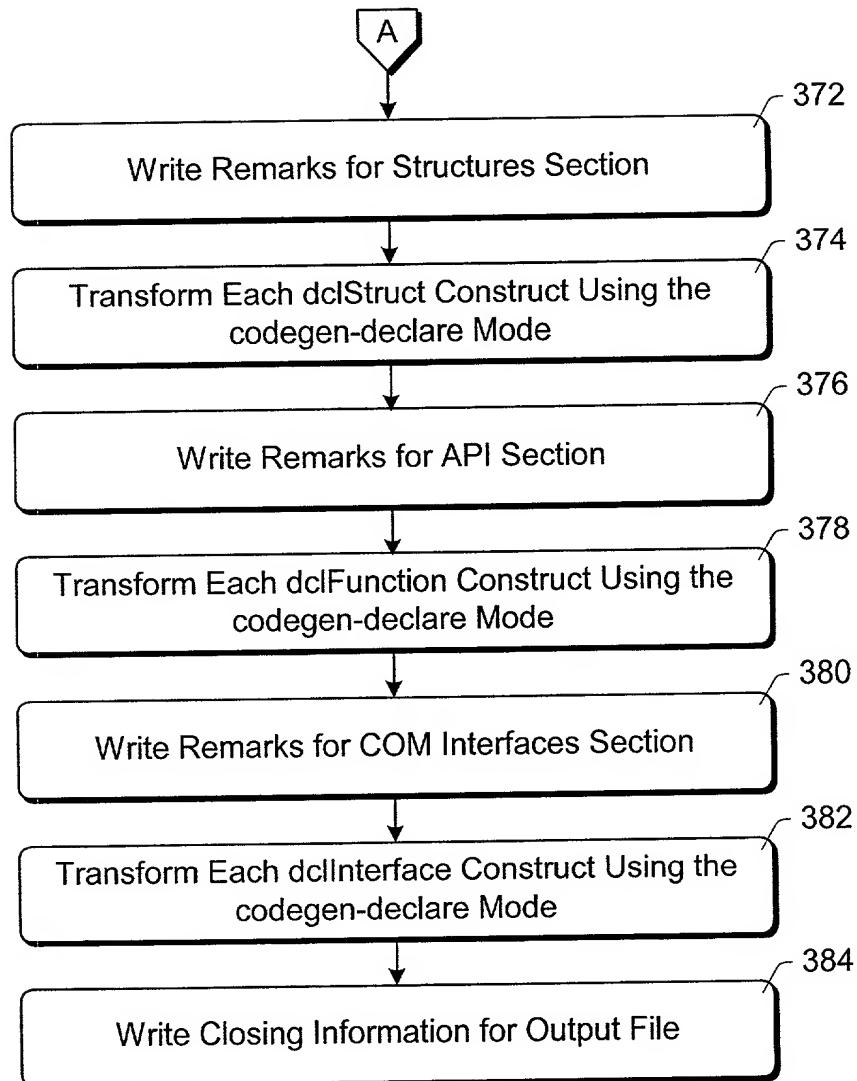


Fig. 4B

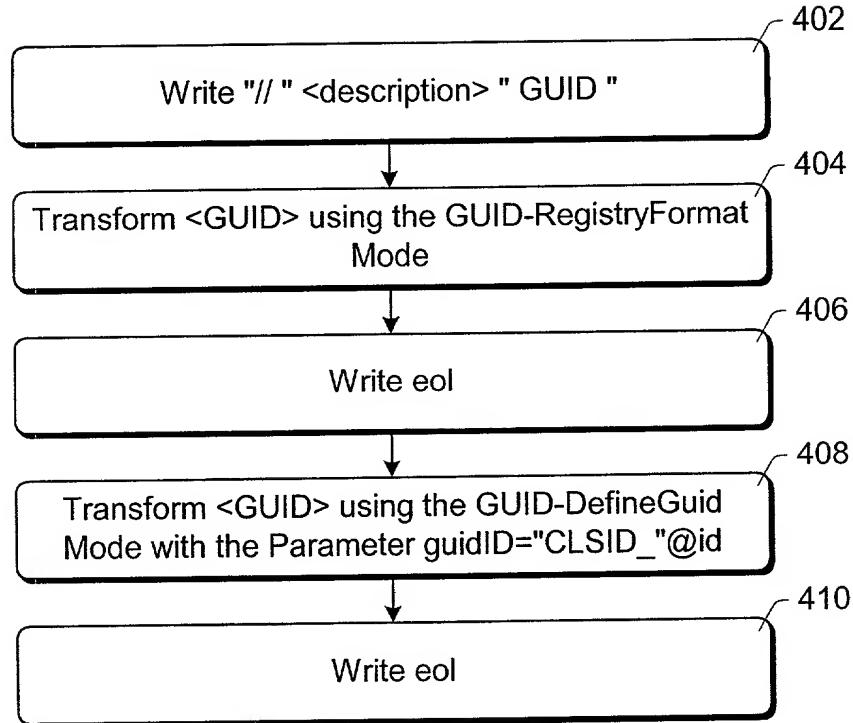
354

Fig. 5

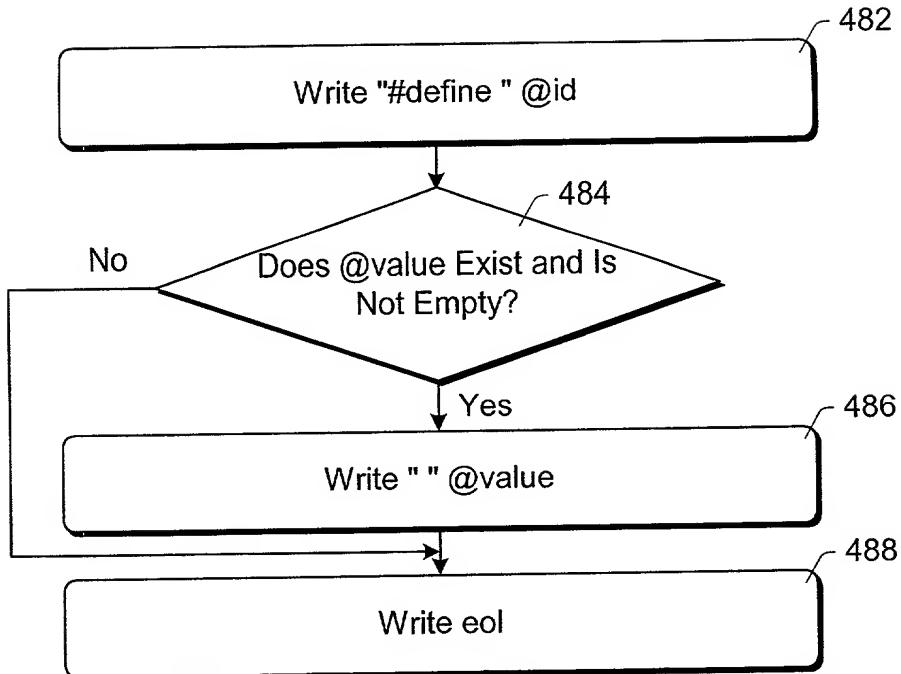
358

Fig. 6

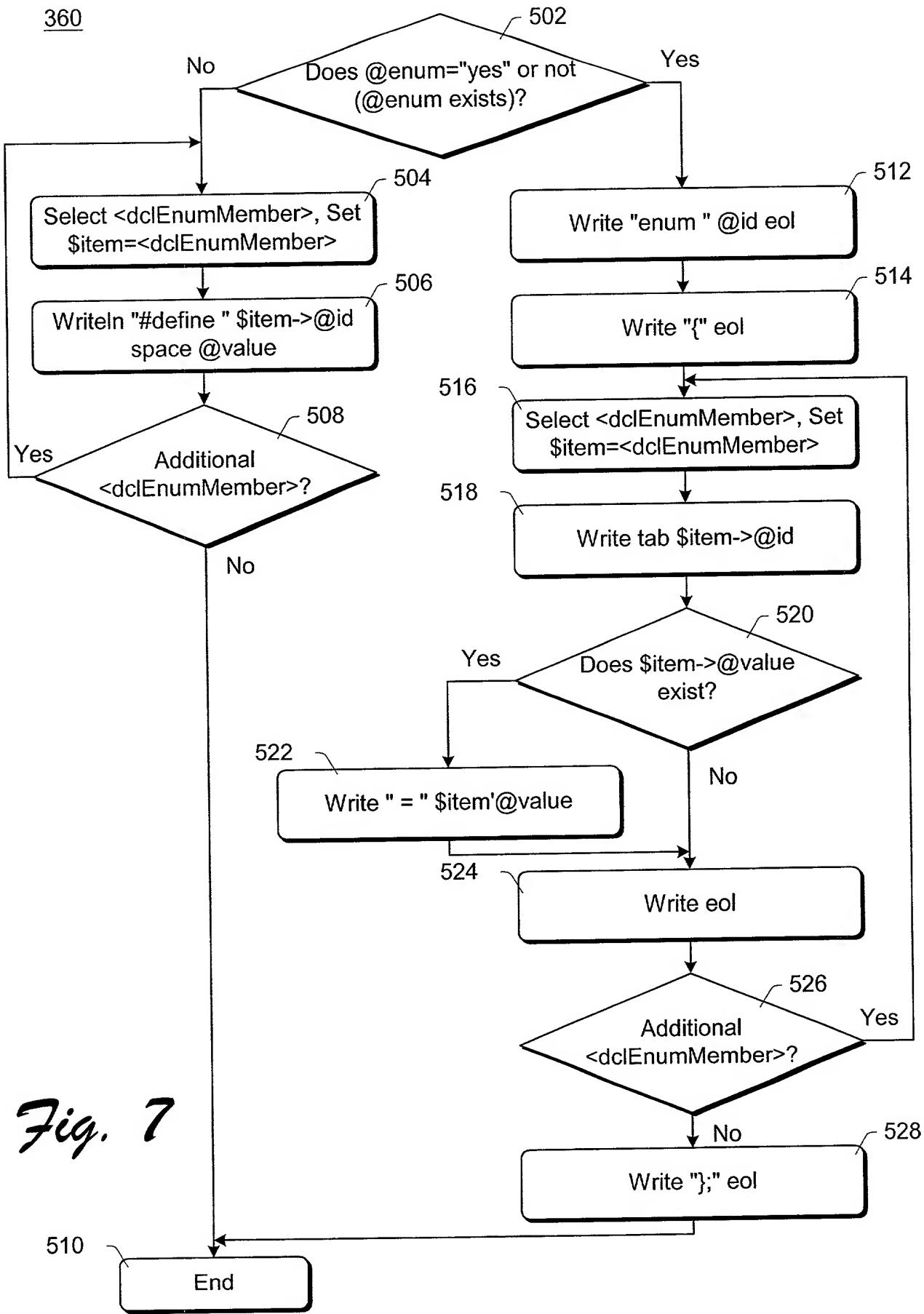


Fig. 7

364

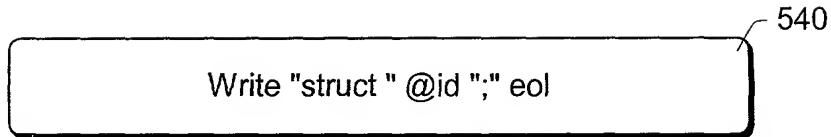


Fig. 8

374

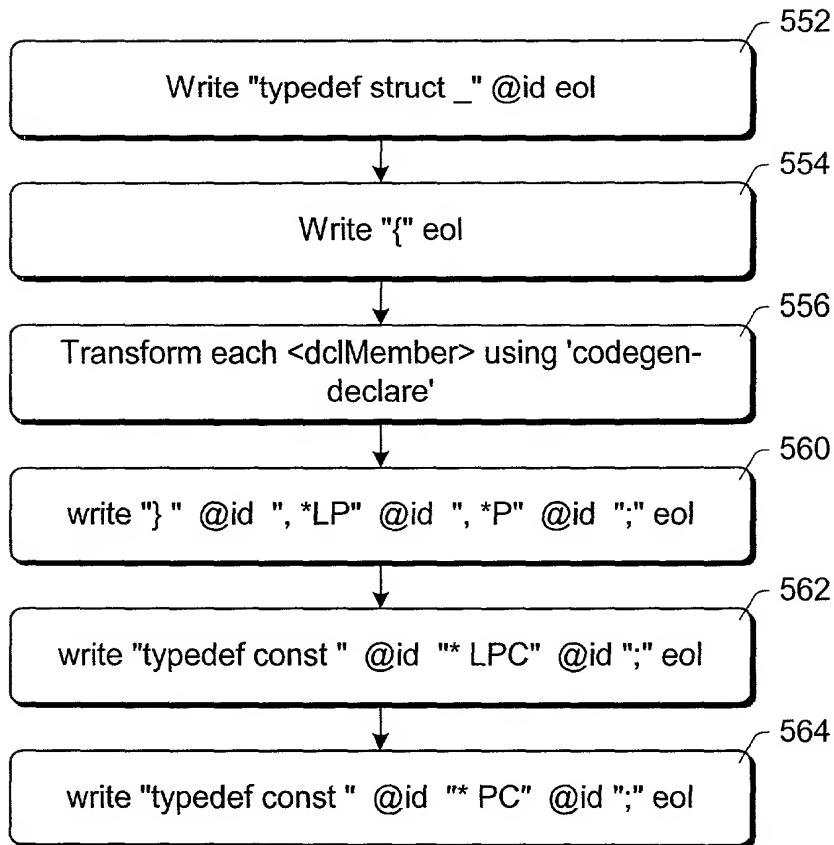


Fig. 9

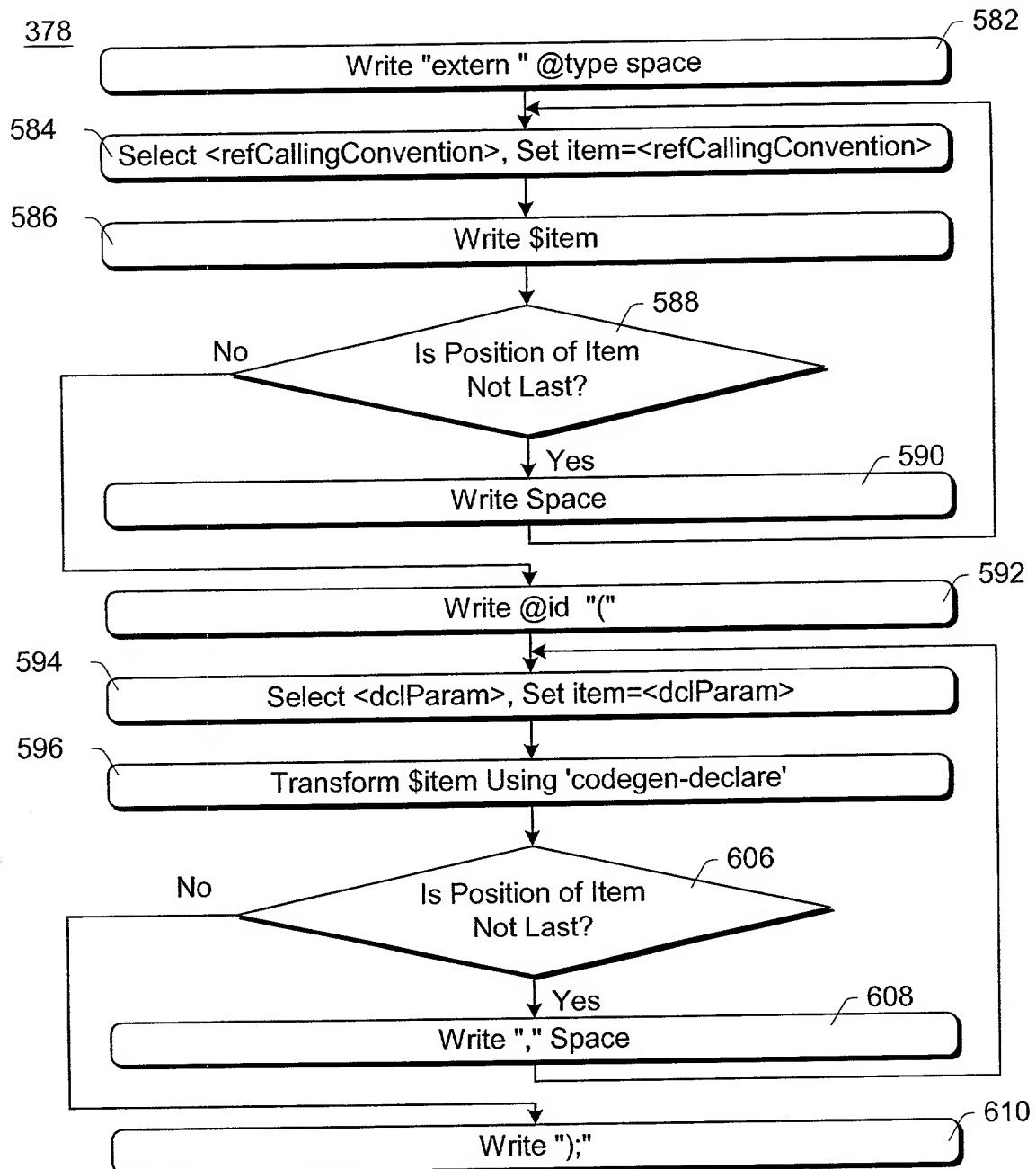


Fig. 10

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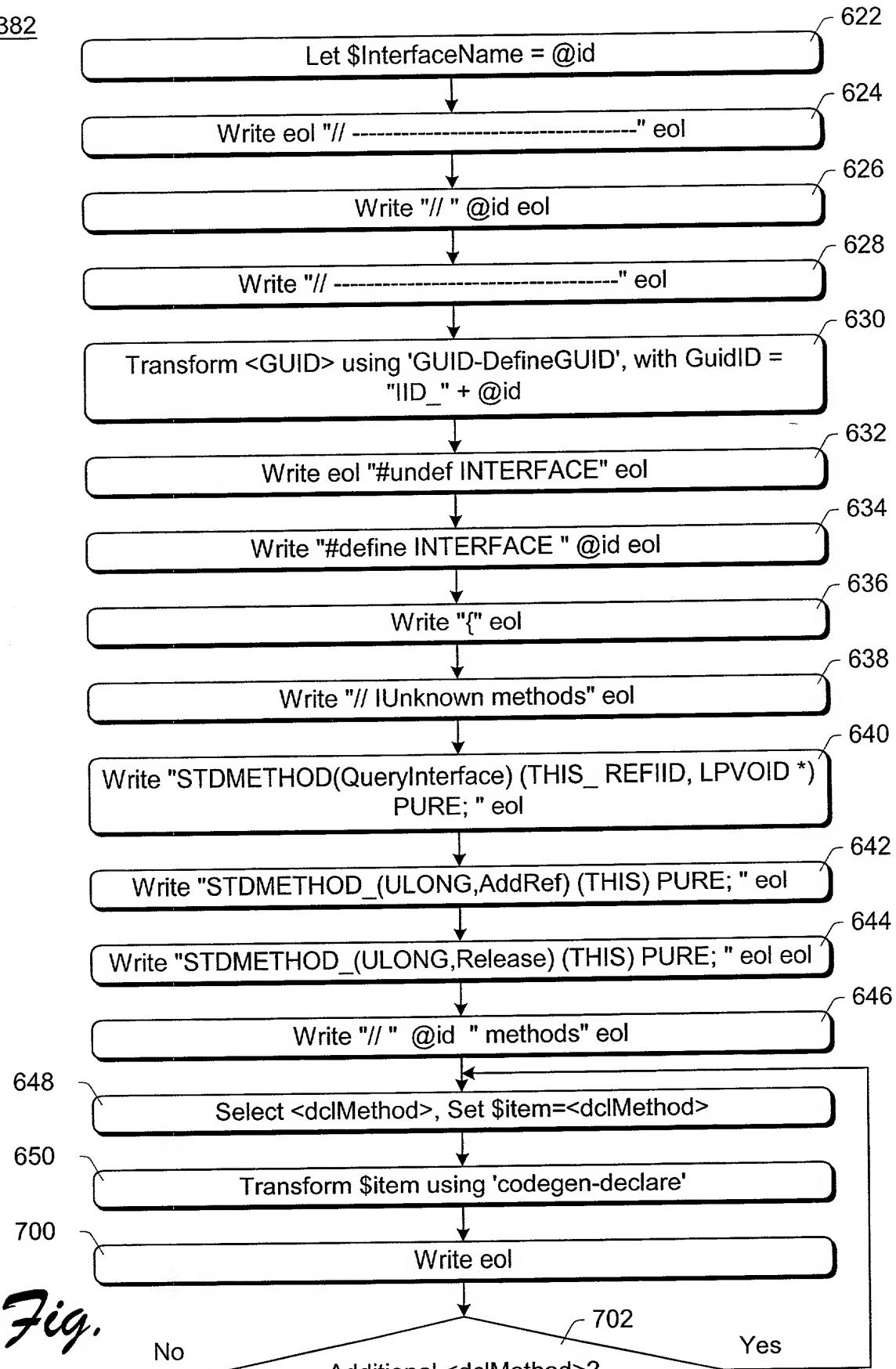


Fig.

11A

No



Additional <dclMethod>?

Yes

702

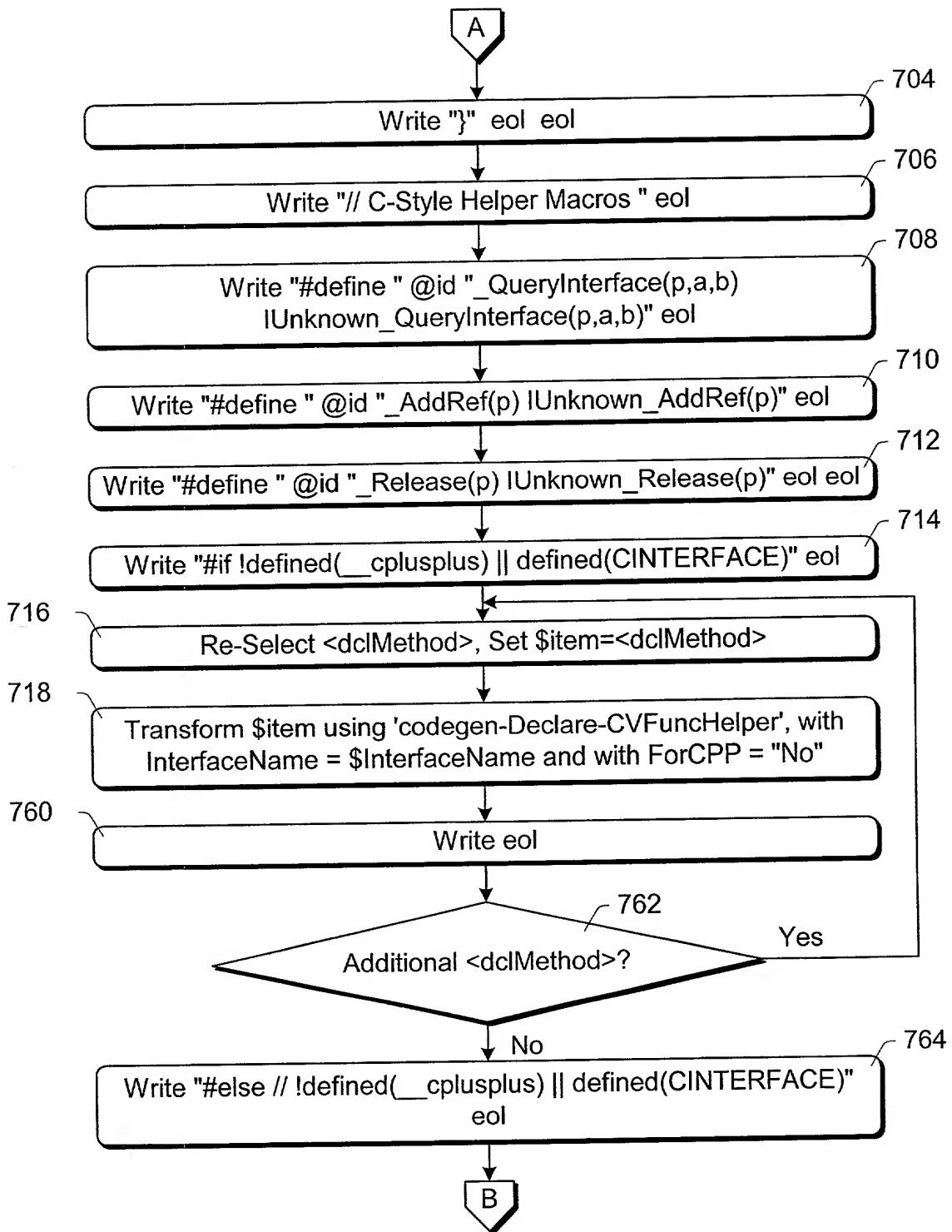


Fig. 11B

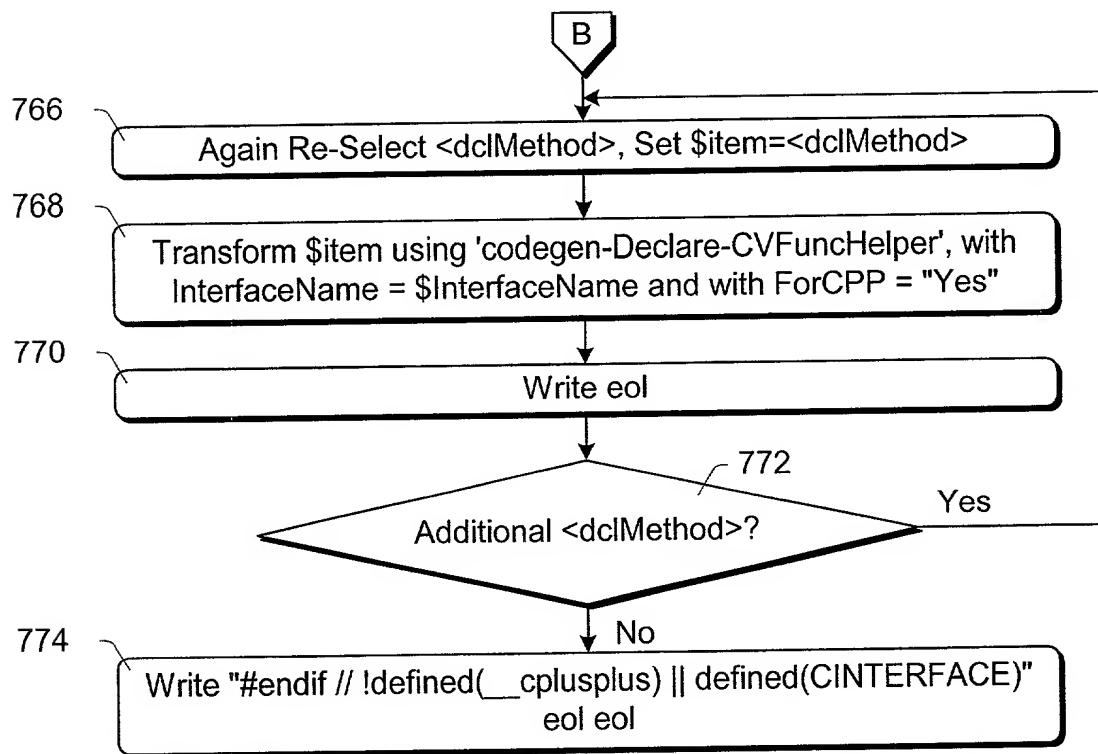


Fig. 11C

420

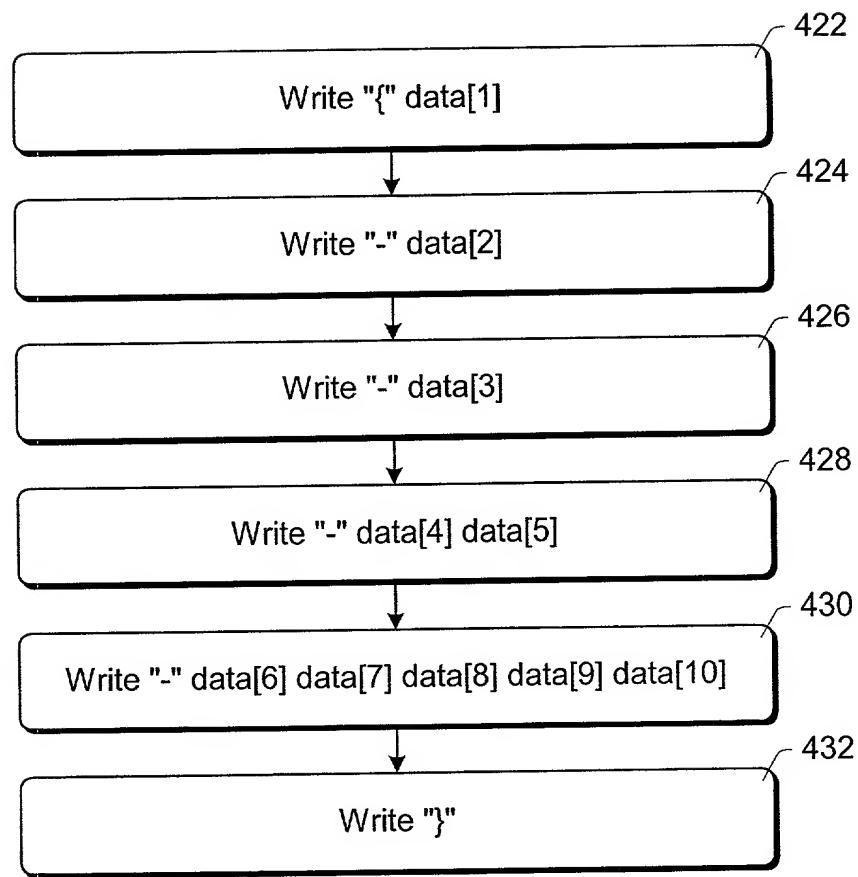


Fig. 12

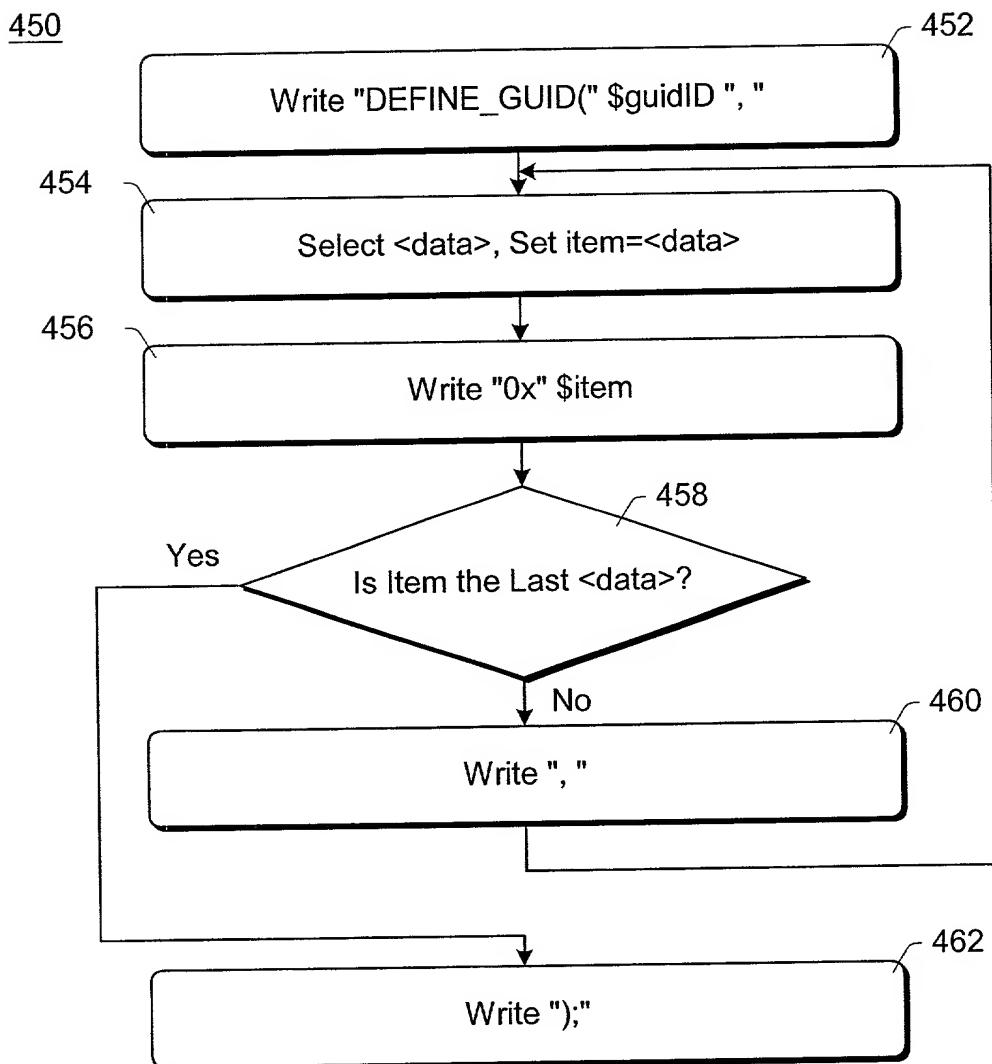


Fig. 13

556

558

```
Write tab @type space @id ";" eol
```

Fig. 14

A C E D E E P - D E S I G N

600

602

```
Write @allocation-context space @type space @id
```

Fig. 15

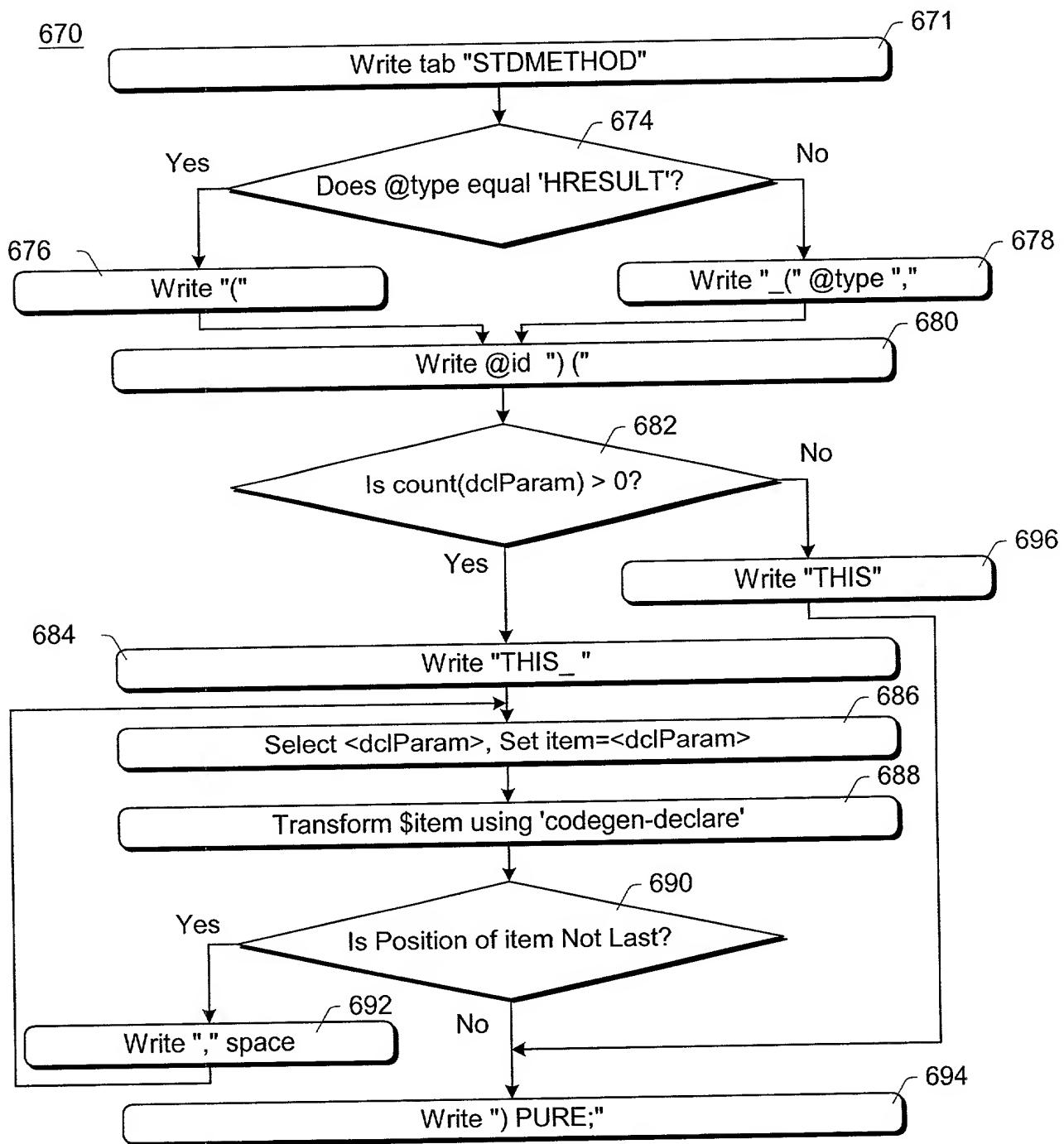


Fig. 16

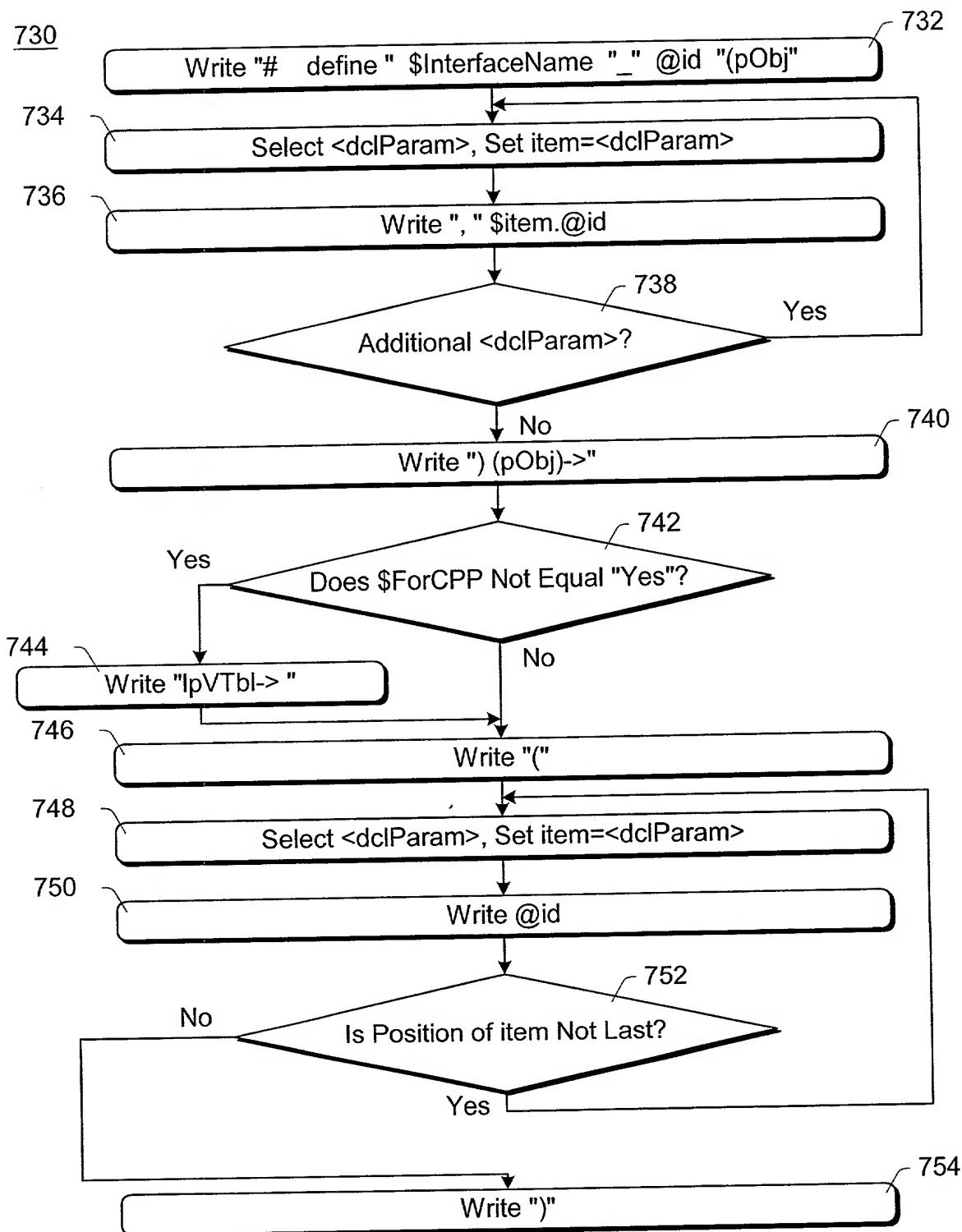


Fig. 17

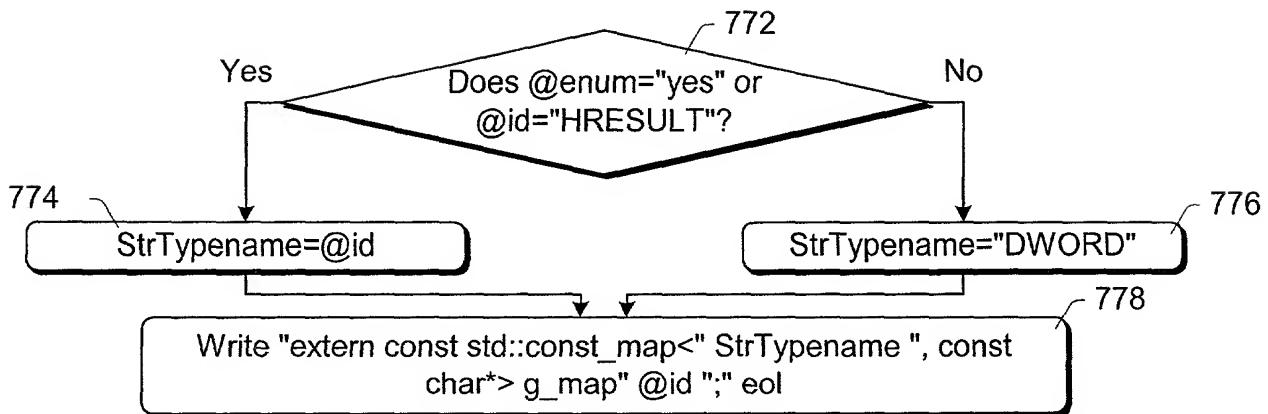
770

Fig. 18

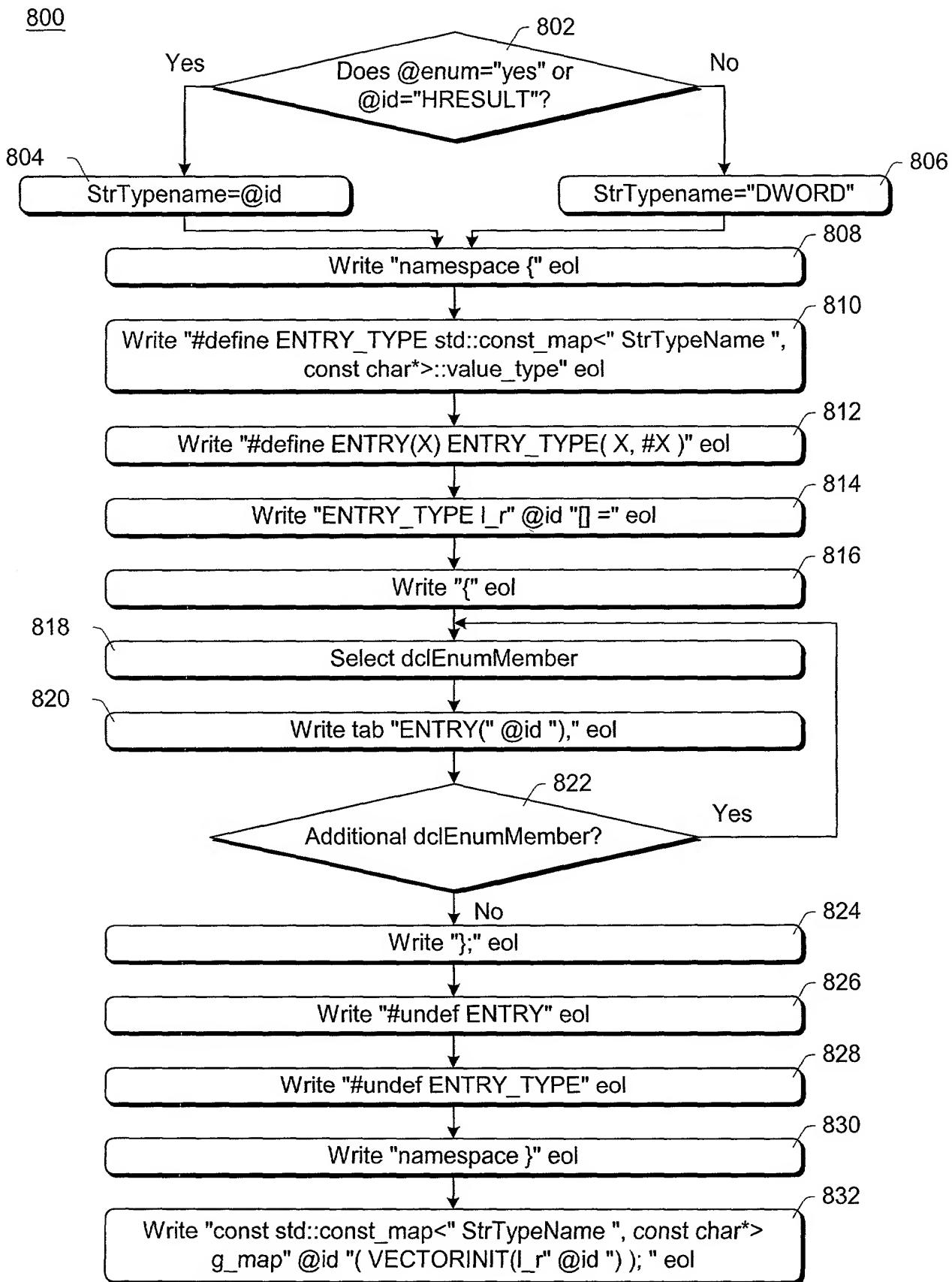


Fig. 19

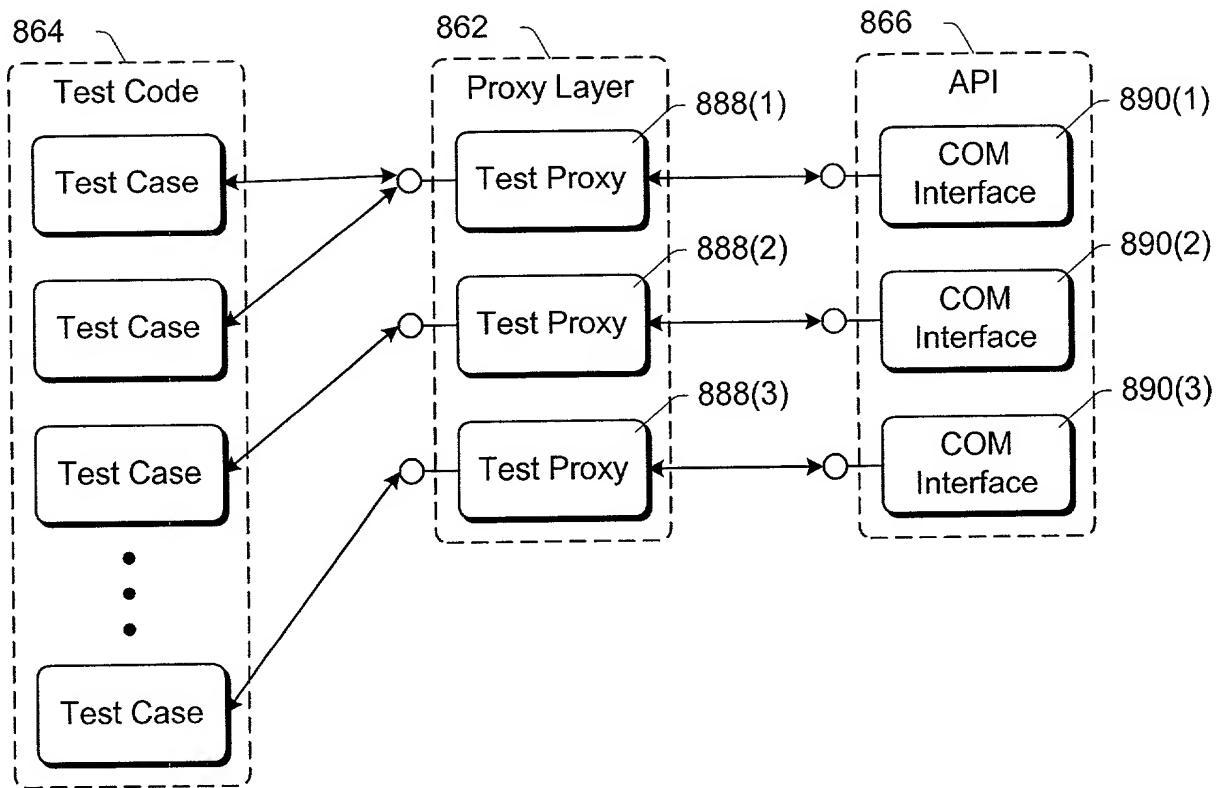
860

Fig. 20

880

882

Select dclInterface

884

Transform Selected dclInterface to Test Proxy Class Declaration

886

Additional dclInterface?

Yes

No

End

Fig. 21

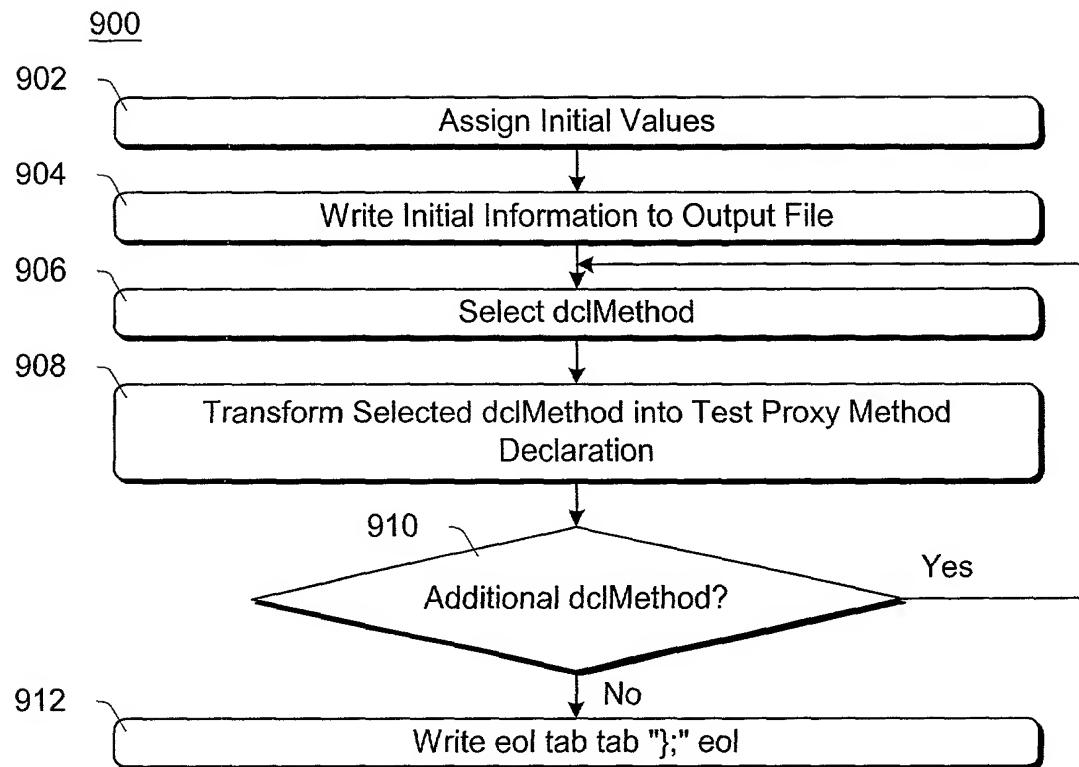


Fig. 22

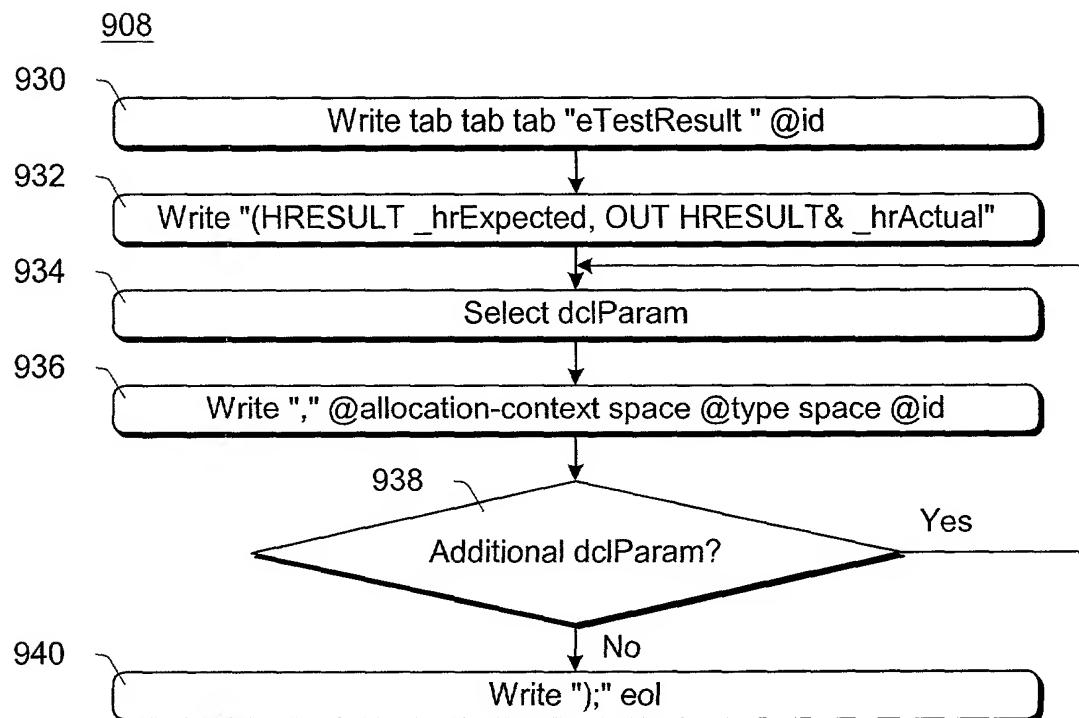


Fig. 23

960

962

Select dclInterface

964

Transform Selected dclInterface to Test Proxy Class Declaration
with the Parameter \$interface_type = @id

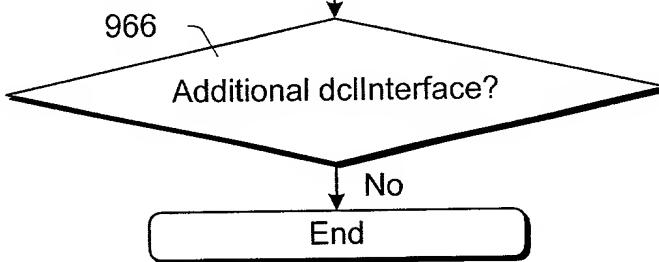


Fig. 24

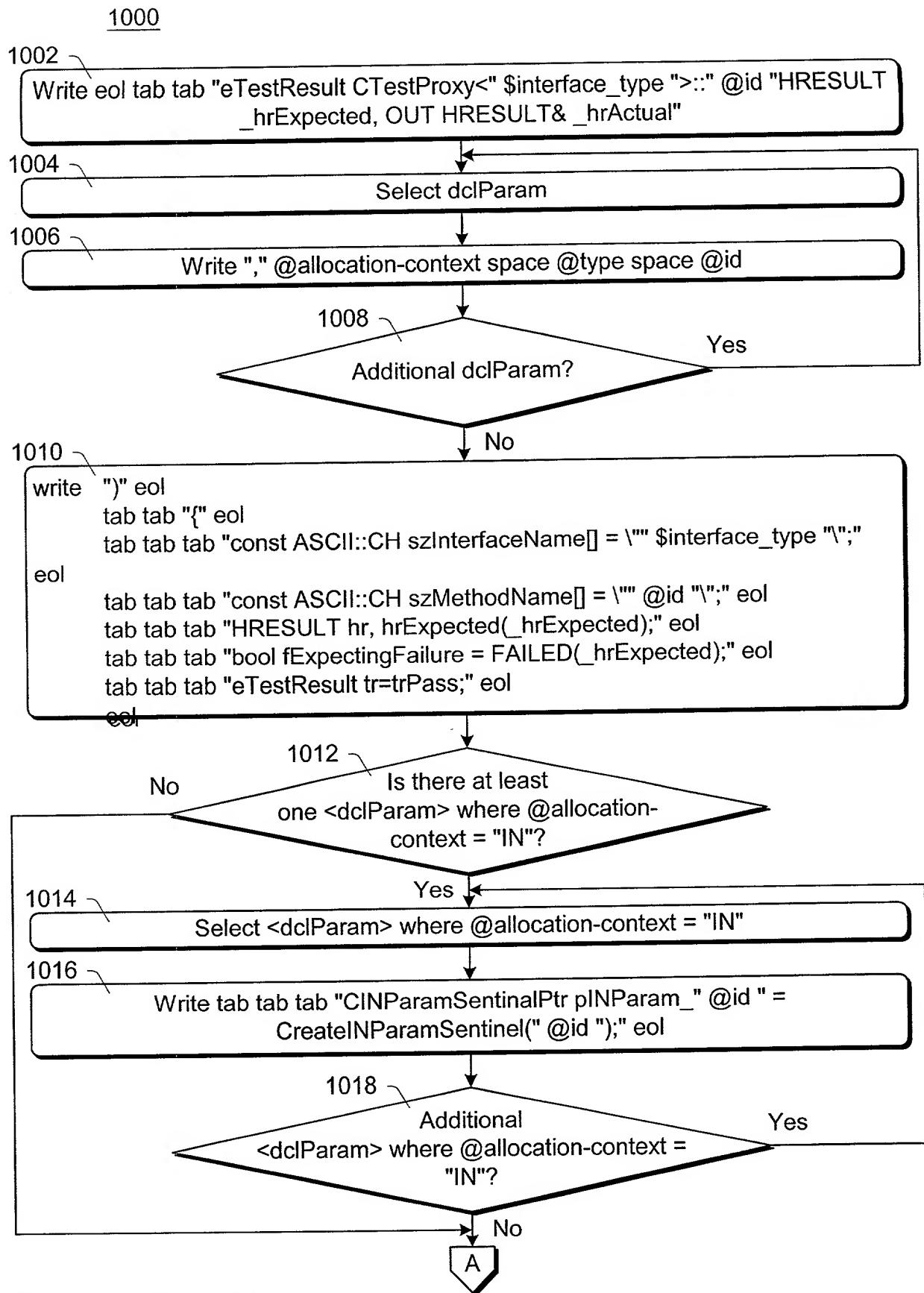


Fig. 25A

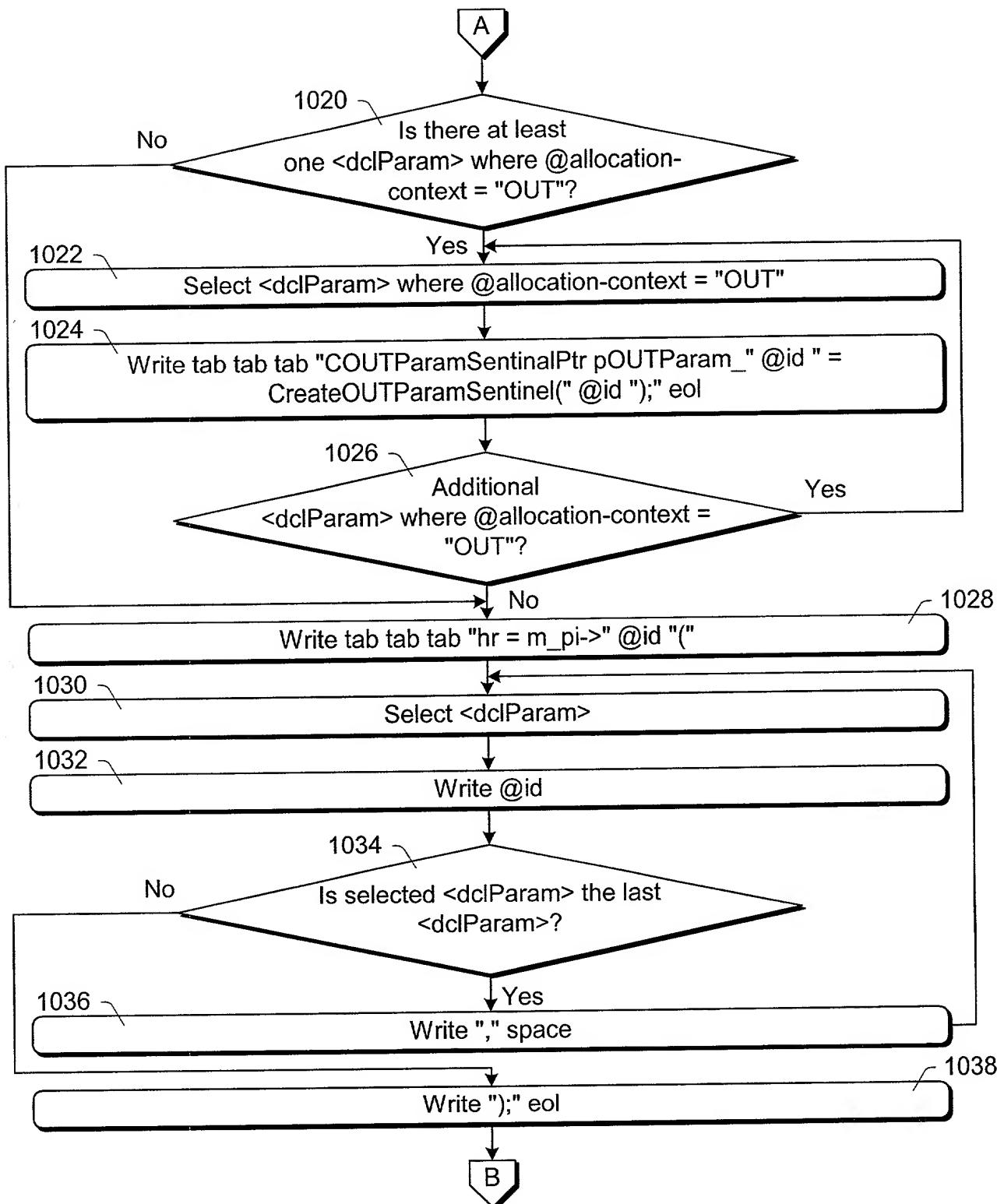


Fig. 25B

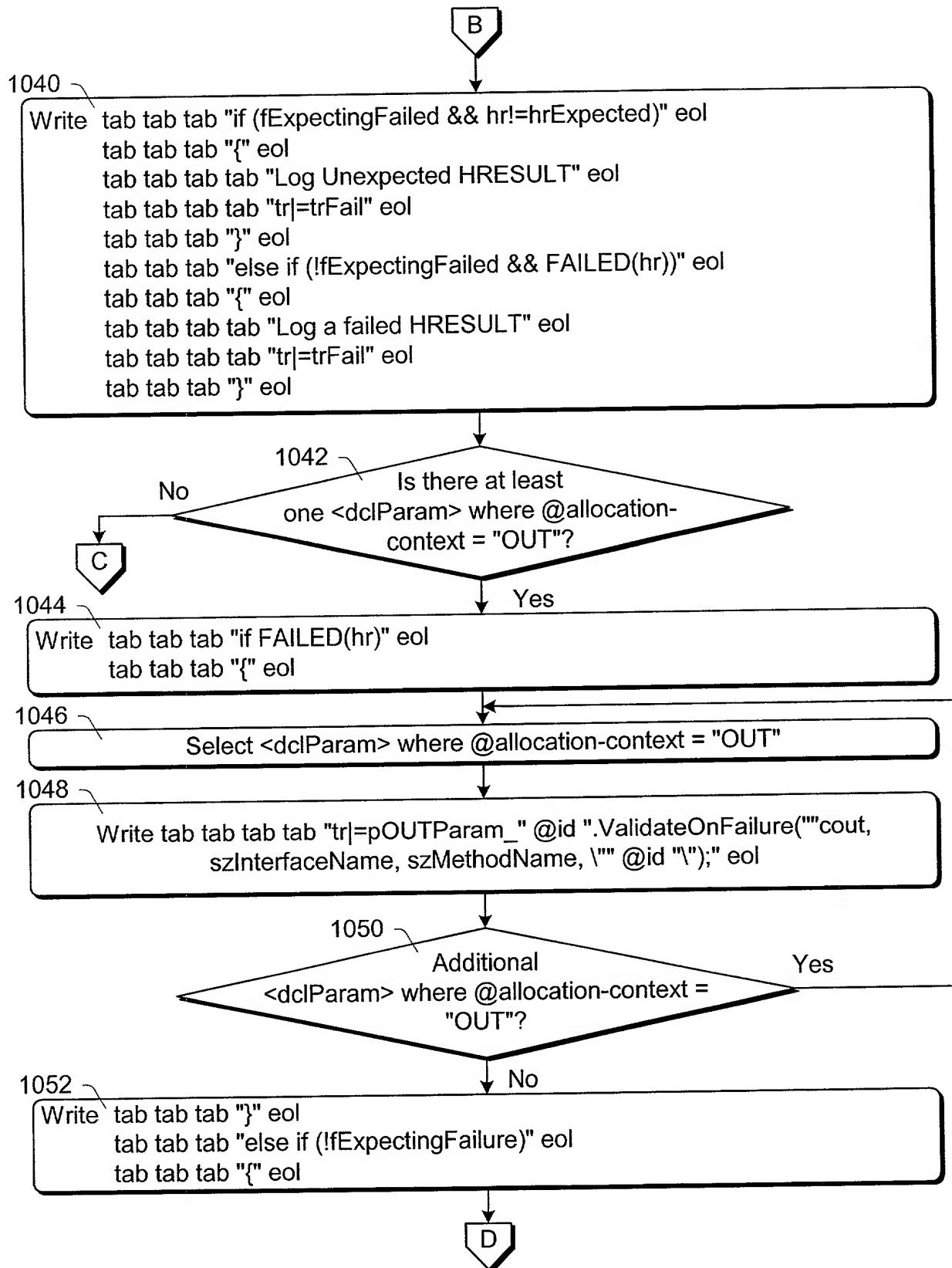


Fig. 25C

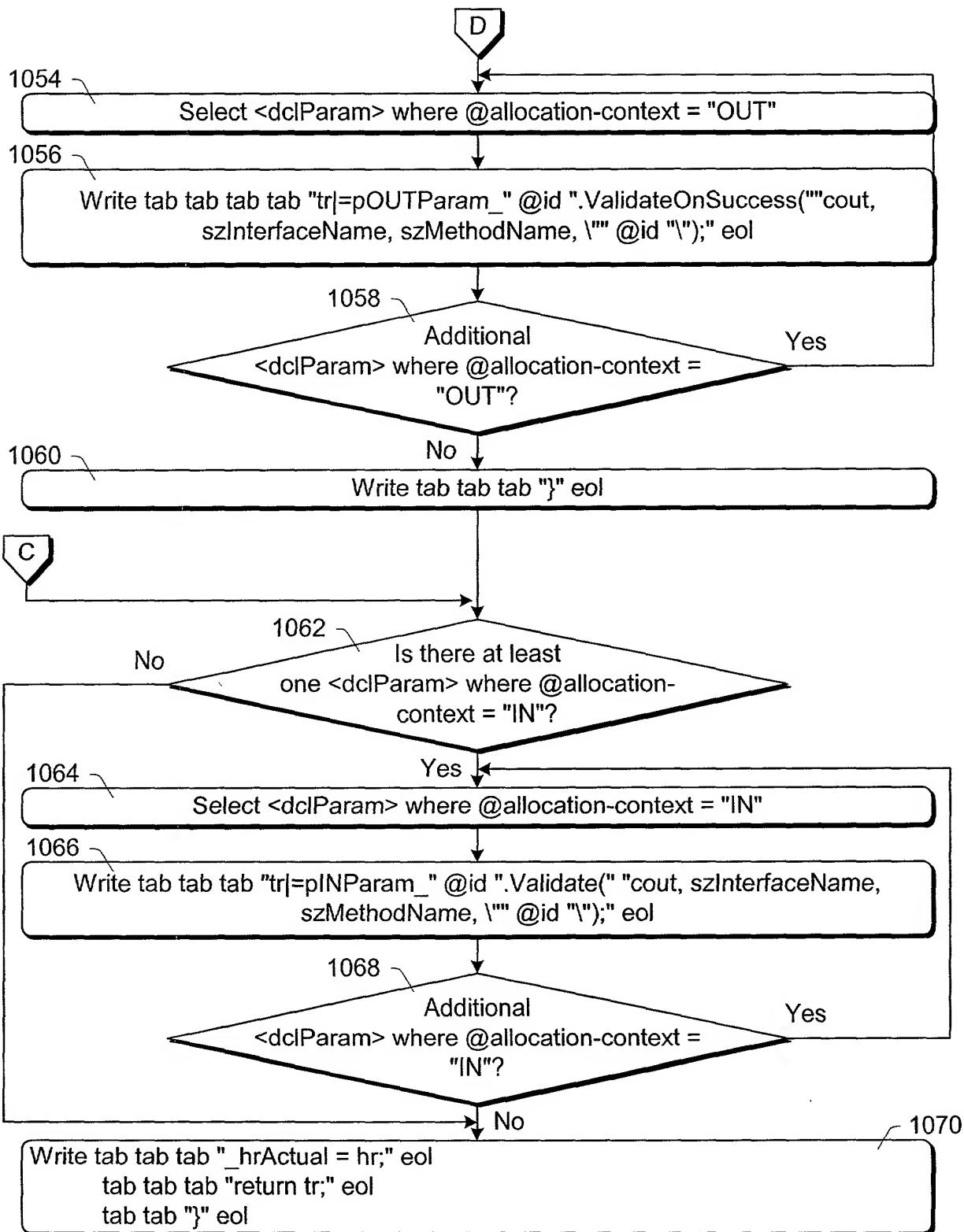


Fig. 25D

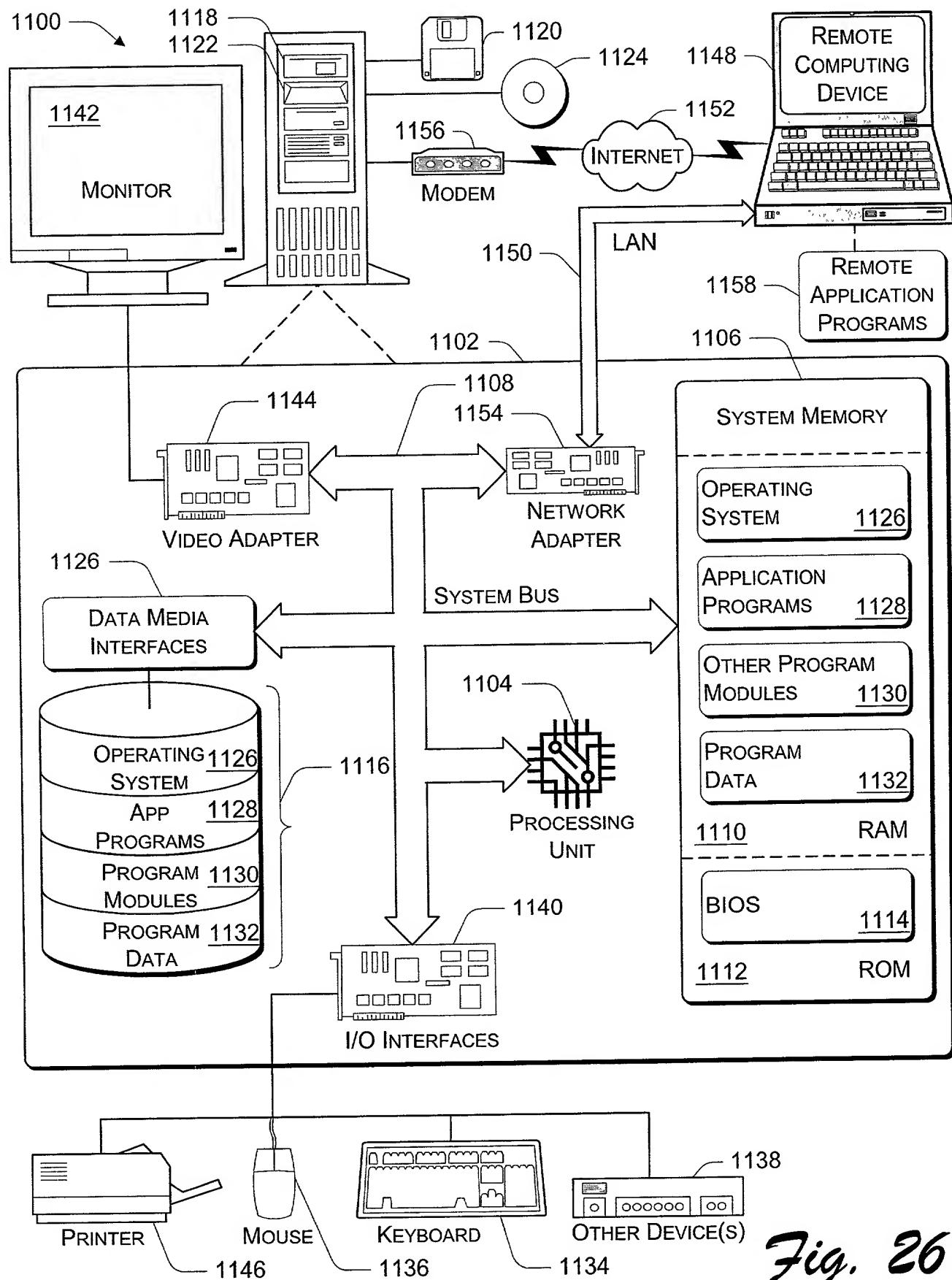


Fig. 26